

# PATENT ABSTRACTS OF JAPAN

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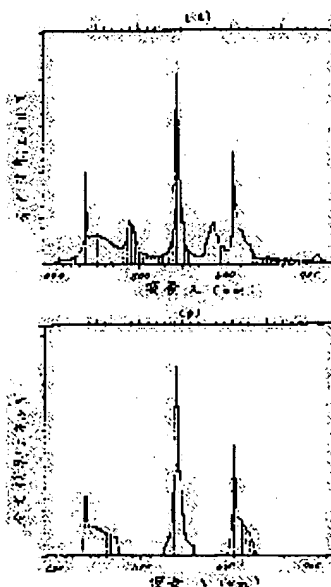
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## (54) COLOR LIQUID CRYSTAL DISPLAY

### (57)Abstract:

**PURPOSE:** To obtain a color liquid crystal display having high color reproducibility, high brightness and high color purity by using a polarizing plate having almost equal spectral characteristics for the transmittance in the wavelength region of red, green and blue.

**CONSTITUTION:** A color liquid crystal display having high color reproducibility, high brightness and high color purity is realized by combining polarizing plate and color filters both having almost equal characteristics concerning the transmittance for the wavelength corresponding to R, G, B. Thus, when polarizing plates having almost equal transmittance within the wavelength region for R, G, and B, are used, the color balance of the color filter is not influenced and sharp peaks are retained without being restricted by the performance of the color filter and liquid crystal optical shutter even after transmission on light through the color filter. Accordingly, the light is recognized visually as primary colors having high color purity, and white color and black color can be reproduced also. The range of the reproducible color is enlarged if the primary color system is used.



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